

U.S. Department
of Transportation

United States
Coast Guard



LOCAL NOTICE TO MARINERS

Coastal Waters From Shrewsbury River, New Jersey to Little River, South Carolina

MONTHLY

01 August, 2000

⦿⦿ **NIS Watchstander, 24 hours a day at (703) 313-5900** ⦿⦿

⦿⦿ **INTERNET ADDRESS** ⦿⦿

HTTP://www.navcen.uscg.mil

OR

FTP://ftp.navcen.uscg.mil

The monthly edition has information concerning the waterways of the Fifth Coast Guard District. Weekly supplemental editions containing only new information will be sent for the rest of the month. NOTE: Chart corrections and Light List changes are published only once each. Subscription to this weekly publication is free. If you have questions about the LNM or wish to be on the mailing list, contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa)

431 Crawford Street, Portsmouth, Virginia, 23704-5004
Telephone (Day): 757-398-6486. To order LNM: Ext. 6486
24 Hour FAX: (757) 398-6303

BROADCAST NOTICE TO MARINERS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. Navigation information having been of immediate concern to the Mariner and promulgated by the following Broadcast Notice to Mariners (BNM's) have been incorporated in this notice when still significant.

CCGD5 (D5)	D5-0526	To 0537
Group Philadelphia	PH-0214	To 0227
Group Atlantic City	AC-0180	To 0191
Activities Baltimore	BA-0415	To 0422
Group Eastern Shore	ES-0081	To 0081
Group Hampton Roads	HR-0334	To 0391
Group Cape Hatteras	CH-0123	To 0123
Group Fort Macon	FM-0237	To 0245

REFERENCES: Light List Reference: ATLANTIC COAST, VOLUME 2, COMDTPUB P16502.2, 2000 Edition
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (34TH Edition).
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (31ST Edition).
All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

NAVIGATION INTERNET SITES

Chart Corrections:	http://chartmaker.ncd.noaa.gov and http://www.maptech.com
Lightlist Corrections:	http://pollux.nss.nima.mil/pubs/USCGLL/pubs_j_uscgll_list.html
Coast Pilot Corrections:	HTTP://CRITCORR.NCD.NOAA.GOV
Chesapeake Bay Weather Buoys:	Http://www.cbos.org/client.cgi
NOAA Weather Buoy sites:	http://seaboard.ndbc.noaa.gov/Maps/wrldmap.shtml
Weather:	http://www.intellicast.com/
LANTAREA District 5 Office to Aids to Navigation	http://cgweb.lant.uscg.mil/LANTAREA/Aow/Aowa/default.asp

REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I SPECIAL NOTICES: This section contains information of Special concern to the Mariner.

SECOND UPDATE - VA - ATLANTIC INTRACOASTAL WATERWAY (AICWW) - ALBEMARLE AND CHESAPEAKE CANAL - BRIDGE INFO

Mariners are advised that the centerville turnpike swing bridge, crossing the AICWW, Albemarle and Chesapeake Canal mile 15.2, in Chesapeake, Virginia will have a restricted opening schedule, starting at 12 noon, July 19. The bridge will only open every four hours for recreational vessels and on demand for commercial vessels. From 21 – 27 August the bridge will be remain in the open position to allow for the main bearing replacement. Beginning on August 28 at 0800 the bridge will only open every four hours on the half hour (08:30, 12:30, 4:30, etc) for all vessel traffic. This is due to an emergency mechanical failure of the main bearing on the bridge and subsequent replacement of the gear and alignment work. This schedule will remain in effect until repairs are completed.

LNM 29/00

Delaware Bay Current Meter survey

On 13 July, the National Ocean Service's (NOS) Center for Operational Oceanographic Products and Services (COOPS) installed two current meters near the mouth of Delaware Bay. These installations were carried out to test new technology. One current meter is installed within a trawl-resistant platform and sits on the sea floor. The second meter is contained with a yellow streamlined buoy suspended off the bottom. This buoy is no closer than 80 feet below MLLW. These installations will be in place until approximately 28 August 2000. Mariners who see buoys at the surface at any time near the locations listed below are requested to contact the National Ocean Service at (301) 713-2890 ext 149, or (301) 713-2740 ext 133.

Location of current meters: 1.8 nm. northeast of northern light on Harbor of Refuge Breakwater.

Bottom mounted meter: 38 51.175°N 075 04.713°W

Buoy-mounted meter: 38 51.252°N 075 04.726°W

VIRGINIA – ELIZABETH RIVER, EASTERN BRANCH – BRIDGE REG INFO

The U.S. Coast Guard has revised the notice of proposed rulemaking issued November 2, 1998, that proposed changes to the operating schedule of the Norfolk and Western Railroad Bridge across the Eastern Branch of the Elizabeth River, mile 2.7, in Norfolk, Virginia, and has published it as a Supplemental Notice of Proposed Rulemaking. The revised proposal being considered would require on-signal openings from 6 am to 10 pm, using a half-cycle draw operation and would reduce the advance notice requirement at other times from 3 hours to 2 hours.

Comments on this supplemental notice must be submitted on or before August 11, 2000. Comments should be forwarded to the OFFICE OF THE COMMANDER, FIFTH COAST GUARD DISTRICT, 431 CRAWFORD STREET, PORTSMOUTH, VIRGINIA 23704-5004. A copy of Docket CGD05-98-090 published in the Federal Register on May 15, 2000 can be obtained by writing to the above address or by calling (757) 398-6227.

LOCAL NOTICE TO MARINERS ON THE INTERNET

Coast Guard District 5 offers the Local Notice to Mariners, (LNM), through the Internet; [HTTP://www.navcen.uscg.mil](http://www.navcen.uscg.mil) or [FTP://ftp.navcen.uscg.mil](ftp://ftp.navcen.uscg.mil). Customers capable of accessing the LNM by Internet are encouraged to take advantage of this service. Internet use delivers information faster and provides multiple copy customers the ability to print needed amount. The use of the above service would assist with reducing publishing and mailing cost.

Customers deciding to take advantage of the web access vice mailed paper copy should notify COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa) 431 Crawford Street, Portsmouth, Virginia, 23704-5004. The point of contact for being added or deleted from the mailing list YN3 Rick Swartz (757) 398-6486, RSwartz@LANTD5.USCG.MIL.

MAJOR QUALITY ASSURANCE STUDY OF NOS TIDAL CURRENT PREDICTIONS

A major statistical study of subordinate tidal current stations listed in Table 2 of both the Atlantic Coast Current Table (ACCT) and the Pacific Coast Current Table (PCCT) has been completed by the Center for Operational Oceanographic Products and Services (CO-OPS) of the National Ocean Service (NOS). The reasons for the study were:

- All major estuaries are constantly undergoing construction, dredging, and other activities that critically effect the times, speeds, and patterns of the tidal currents within the estuary.
- Older observations were very often of very short duration due to the type of instrumentation available at the time and the costs involved.
- Instrumentation for obtaining continuous current observations have only been available for about ten years and are extremely expensive. These Acoustic Doppler type meters are employed in and are what makes the Physical Oceanographic Real Time Systems (PORTS) possible. Operational PORTS systems providing real time tide, current, and meteorological data to mariners are presently available in only four major estuaries.
- The extremely high cost of obtaining new tidal current observations as well as verifying the accuracy of presently published data preclude the updating of subordinate stations in the published Tidal Current Tables.

Therefore the two criteria the study concentrated on were:

- The age of the data upon which the subordinate station time and speed differences are based.
- The duration of the observations upon which the subordinate station time and speed differences are based.

Just because the original data is *older* than an arbitrary date or the duration of observations is *less* than an arbitrary length does not, in and of itself, mean that the published correction factors are in error. However, it does greatly increase both the *possibility* and *probability* of error. The NOS does not have the funding, personnel, and other resources to verify or update tidal current subordinate stations. Since one of the prime responsibilities of the NOS is Marine Safety and Navigation, this study was ordered.

The results of this study are being evaluated. A major policy decision should be forth coming sometime after January 1, 2000. **This decision could result in the removal of fifty percent (50%) or more of the tidal current subordinate stations now listed in NOS Tidal Current Tables! This reduction in the number of tidal current subordinate stations could occur as early as the year 2001 Tidal Current Tables.**

TIDAL CURRENT PREDICTIONS INSIDE U.S. ESTUARIES

At present there are four U.S. estuaries with operational Physical Oceanographic Real Time Systems (PORTS) installed. PORTS systems are presently being installed in several additional estuaries. Over the next ten years there are projected to be twenty or more additional systems installed. In the past, the tidal current reference station has always been located at the entrance to each estuary. All tidal current secondary stations both inside and outside (along the coast) have been referred to the reference station at the entrance to the estuary. This will no longer be the case in estuaries with an operational PORTS system.

Estuaries with an operational PORTS system will have at *least* two reference stations. One will be the historic station at the entrance to the estuary. All secondary stations along the coast will continue to be referred to this station. The second tidal current reference station will be the primary PORTS station within the estuary. All secondary locations within the estuary itself will be referred to this location. Depending on the circulation dynamics of the estuary, daily tidal current predictions may be provided for one or more additional stations within the estuary.

Tidal current predictions for Galveston Bay, TX, have been converted to this new format in the year 2000 edition of the Atlantic Coast Current Table (ACCT). Tidal current predictions for San Francisco Bay, CA; Tampa Bay, FL; and New York Harbor, NY are scheduled for conversion to this new format for the 2001 Tidal Current Tables. This format will be extended to each estuary as each new PORTS system is installed and becomes fully operational.

Users should be aware that receivers and applications, such as electronic charting systems, might also experience difficulties during transition periods. Users are advised to contact manufacturers of their receivers and applications to determine if they will operate properly during transition periods. Questions or comments should be referred to the Coast Guard Navigation Center (NAVCEN) at (703) 313-5900. Additional information can also be found at the NAVCEN web site at [HTTP://WWW.NAVCEN.USCG.MIL](http://www.navcen.uscg.mil)

RIGHT WHALE - REPORTING AREA - INFORMATION

- a. **WHALESSOUTH:** The geographical boundaries of the southeast reporting system include coastal waters within about 25 nautical miles along a 90 nautical mile stretch of the Atlantic seaboard in Florida and Georgia. The area extends from the shoreline east to longitude 80°51.60'W with the southern and northern boundaries at latitudes 30°00.00'N and 31°27.00'N, respectively. NOAA Chart No. 11009.

Email: RightWhale.MSR@noaa.gov or Telex: 236737831

- b. Vessels not equipped with INMARSAT C should report directly to one of the below addresses via alternate satellite communications equipment.

REPORTING METHOD

- a. Vessels are required to report specific ship information to the Coast Guard upon entry into the reporting area. Direct reports should be made via INMARSAT C to one of the below addresses.
- b. Vessels unable to use satellite communications equipment should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via SITOR/NBDP on 8426.3 kHz, 12590.8 kHz, 16817.8 kHz twenty four hours per day, or 6314.3 kHz from 2300 GMT until 1100 GMT and 22387.8 kHz from 1100 GMT until 2300 GMT.
- c. Vessels unable to use satellite communications or SITOR/NBDP should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via published voice frequencies.

REPORTING INSTRUCTIONS

- a. Vessels shall report the following information in accordance with the IMO format in Resolution A.648(16) General Principles for Ship Reporting Systems and Ship Reporting Requirements.

Paragraph	Function	Information Required
System name	System identifier	WHALESSOUTH.
A	Ship	Vessel name and call sign.
B	Date, time, and month of report	Six digit group giving day of month and time, single letter indicating time zone, and three letters indicating month.
E	True course	3-digit number indicating true course.
F	Speed in knots and tenths	3-digit group indicating knots and tenths.
H	Date, time, and point of entry into system	Date and time expressed as in (B) and latitude and longitude expressed as a four digit group giving latitude, the letter N indicating north, followed by a / , a five digit group giving longitude, and the letter W indicating west.
I	Destination and ETA	Name of port and arrival time expressed as in (B).
Paragraph	Function	Information Required
L	Route information	Route information should be reported as either a direct rhumbline to port (RL) and intended speed expressed as in (F), or a series of way points (WP). Vessels reporting waypoints should include latitude and longitude, expressed as in (H), and intended speed between waypoints. For vessels transiting within a traffic separation scheme (TSS), give only the waypoints and intended speed for entry and departure of TSS.

b. Reports shall follow the prescribed format shown below. Reports should be sent as a direct email or telex. Use of batch message routing services may delay receipt of a report:

c. **WHALESSOUTH – TO: RightWhale.MSR@noaa.gov**

WHALESSOUTH//
A/BEAGLE/NVES//
B/270810Z MAR//
E/250//
F/17.0//
H/270810Z MAR/3030N/08052W//
I/MAYPORT/271215Z MAR//
L/RL/17.0//

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

VA - WILLOUGHBY BAY - THIMBLE SHOALS CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay

- Thimble Shoals channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.

- An area of the Chesapeake Bay, adjacent to the Thimble Shoals channel from Thimble Shoals to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessels, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

<u>SEACOAST</u>	<u>CHESAPEAKE ENT</u>	<u>SMITH ISLAND SHOAL</u>
37°00'00"N 75°55'00"W	36°54'51"N 75°47'17"W	37°06'42"N 75°44'54"W
37°30'00"N 75°34'00"W	36°52'09"N 75°43'39"W	37°04'42"N 75°38'36"W
37°30'00"N 75°30'00"W	36°54'09"N 75°48'07"W	37°03'43"N 75°44'54"W
37°00'00"N 75°30'00"W	36°51'26"N 75°44'30"W	37°02'43"N 75°38'36"W
36°55'00"N 75°55'00"W	36°58'24"N 75°44'24"W	37°03'42"N 75°44'54"W
36°55'00"N 75°30'00"W	36°59'01"N 75°43'26"W	37°03'42"N 75°38'36"W
36°30'00"N 75°30'00"W	36°53'09"N 75°36'36"W	37°01'43"N 75°44'54"W
36°30'00"N 75°47'00"W	36°52'23"N 75°37'34"W	37°01'43"N 75°38'36"W
	36°57'15"N 75°45'31"W	37°05'24"N 75°42'14"W
	36°56'45"N 75°44'28"W	37°05'24"N 75°39'46"W
<u>THIMBLE SHOAL CHNL</u>	36°52'03"N 75°49'17"W	37°01'30"N 75°42'14"W
37°00'27"N 76°12'46"W	36°51'26"N 75°48'12"W	37°01'30"N 75°39'46"W
37°01'23"N 76°12'24"W	36°59'12"N 76°08'01"W	
37°00'09"N 76°07'38"W	36°52'28"N 75°49'09"W	
36°52'59"N 75°50'12"W	36°55'00"N 75°47'10"W	
	36°55'32"N 75°48'13"W	

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Chart: 12200, 12205, 12221, 12222, 12254

HIGH SEAS DRIFTNET (HSDN) ACTIVITY

IN 1991 the United Nations passed resolution 46/215 prohibiting the use of large scale driftnets on the high seas, world wide. The U.S. Congress subsequently passed the High Seas Driftnet Enforcement Act, establishing prohibitions and sanctions against the use of driftnets.

HSDN and vessel characteristics:

HSDN vessels characteristics are similar to foreign squid vessels and long liners with a working deck forward of the superstructure amidships. The most distinguishing characteristic of a HSDN vessel is the large tube running from the working deck amidships to the net bin aft. HSDN vessels are typically 30 to 40 meters (100 to 150 feet) in length. HSDN vessels typically operate seaward of the U.S. 200 NM Exclusive Economic Zone. Other characteristics include extra bags of net piled about the decks, net marker buoys on the open side of the working deck. When identifying HSDN vessels please note if there is a flag flying and any name or numbers on the hull. Driftnets in the water will have white and yellow floats and a large round buoy marking both ends. Nets in excess of 2.5 km (1.5 miles) are illegal. Pictures identifying HSDN vessels characteristics can be provided upon request at (510) 437-3700 or Telex 172343. Public information on HSDN vessels and activity will greatly assist the U.S. Coast Guard's efforts to enforce the United Nations moratorium against HSDN fishing.

AVAILABILITY OF A NATIONAL OCEAN SERVICE CRITICAL CHART CORRECTIONS WEB SITE

The Office of Coast Survey, National Ocean Service (NOS), NOAA, announces a new Internet service to the marine public at the following web site:
<http://chartmaker.ncd.noaa.gov>

This service provides advance notification of critical chart corrections identified by NOS cartographers during nautical chart updating activities. Critical chart corrections are either recently identified hazards to navigation or are information regarded by NOS as essential for safe navigation, e.g. channel conditions, bridge and cable clearances, regulatory changes. Critical chart corrections posted on this web site are forwarded to the United States Coast Guard (USCG) and the National Imagery and Mapping Agency (NIMA) for inclusion in their Local Notice To Mariners (LNM) and Notice To Mariners (NM) respectively. Additionally, updates to the United States Coast Pilot, Volumes 1-9, are posted on this web site. This web site must not be viewed as a substitute for either the USCG LNM or the NIMA NM. Aid to navigation changes and other important information published in USCG and NIMA notices are not available on this web site.

NATIONAL OCEAN SERVICE - CHARTS, PUBLICATIONS, AND TABLES

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

VIRGINIA - SEACOAST - VACAPES OPAREA - HAZOPS - FIRING EXERCISE

Firing hazardous to surface vessels maybe conducted at anytime in the following vicinity starting approximately. 20 NM off Cape Charles, VA. In the Virginia Capes operating area: Beginning at 37-15N 075-30W to 37-15N 074-30W to 37-05N 074-30W To 37-00N 075-30W thence to point of beginning. Mariners should use extreme caution when transiting the area.

NJ - DE - SEACOAST - Sonobuoy Operations

Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:

38°36'00"N 075°00'00"W
38°45'00"N 074°53'00"W
38°45'00"N 074°20'00"W
38°00'00"N 073°05'00"W
38°00'00"N 075°11'00"W

These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.

Chart: 12200, 12214

II DISCREPANCIES: The following is a summary of uncorrected discrepancies in aids to navigation as of **8:00 A.M., 05 July, 2000**. Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in the Coast Guard Light List, Volume II 1999 (COMDTPUB P16502.2)

KEY TO DISCREPANCY ABBREVIATIONS

AC= Group Cape May	BA= Group Baltimore	BNM= Broadcast Notice to Mariners
CH= Group Cape Hatteras	ChannelCK= Creek	DBD= Dayboard
DBN= Daybeacon	DEST= Destroyed	ES= Group Eastern Shore
FM= Group Fort Macon	IMCH= Improper Characteristics	INOP= Inoperative
LB= Lighted Buoy	LBB= Lighted Bell Buoy	LHB= Lighted Horn Buoy
LNM= Local Notice to Mariners	LT= Light	LWB= Lighted Whistle Buoy
OFF STA= Off Station	PH= Group Philadelphia	PVT= Private Aid
RBN= Radiobeacon	REDINT= Reduced Intensity	RF= Range Front
RR= Range Rear	RIV= River	SHL= Shoaling
SND= Sound	TRLB= Temporary Lighted Buoy	TRUB= Temporary Unlighted Buoy
TRLT= Temporary Light	LGB= Lighted Gong Buoy	

DISCREPANCIES

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
95.00	Hereford Inlet LWB H	LT EXT	12318	0184AC	31/00
1585.00	Miah Maul Shoal Light	LT DIM	12304	0414AC	24/00
3770.00	Mud Island Lower Range Rear Light	LT EXT	12314	0193PH	27/00
4500.00	Indian River Channel Buoy 24	OFF STA	12216	0051ES	20/00
4870.00	Isle of Wight Bay Light 13	TRLB	12211	0055ES	22/00
4996.00	Sinupxent Bay Daybeacon 1A	TRUB	12211	0031ES	13/00
5095.00	Sinepuxent Bay Channel Buoy 23	TRUB	12211	0020ES	10/00
5326.00	Chincoteague Channel Daybeacon 12A	TRUB	12210	0068ES	28/00
5760.00	Virginia Inside Passage DBN 50	TRUB/DEST	12210	0089ES	23/97
5830.00	Virginia Inside Passage DBN 73	TRUB	12210	0147ES	47/99

5835.00	Virginia Inside Passage DBN 75	TRUB	12210	0146ES	47/99
5855.00	Parker Creek Channel Daybeacon 2	TRUB	12210	0037ES	05/98
5865.00	Parker Creek Channel Daybeacon 6	TRUB	12210	0051ES	05/98
6080.00	Virginia Inside Passage DBN 145	TRUB	12210	0130ES	41/99
6265.00	Virginia Inside Passage DBN 196	TRUB	12221	0080ES	30/99
6525.00	Virginia Inside Passage DBN 250	TRUB	12224	NONEHR	23/00
6935.00	Great Machipongo Channel Light 12	LT IMCH	12225	0064ES	24/00
7290.00	Rappahannock Shoal CH South RF LT	LT EXT	12225	0313HR	27/00
9270.00	Thimble Shoal Channel LGB 12	LT EXT	12221	0325HR	27/00
9410.00	Hampton Bar Daybeacon 18	DBN DEST	12245	0380HR	31/00
9555.00	Norfolk International Terminal B 2	BUOYSINK	12245	0371HR	30/00
9577.00	Norfolk INT Terminal North CH B 2	TRUB	12206	0376HR	31/00
11545.00	Warwick River Daybeacon 10	TRUB	12248	0299HR	26/00
12065.00	Goose Hill Channel RF Light	LT EXT	12248	0199HR	18/00
12320.00	James River Channel Lighted Buoy 76	OFF STA	12251	0202HR	18/00
12585.00	Appomattox River Channel DBN 14	TRUB	12251	0711HR	39/99
12830.00	Horseshoe West Channel Daybeacon 2	DBN IMCH	12222	0375HR	31/00
13372.00	Back Creek Daybeacon 2	LT EXT		0347HR	28/00
13605.00	West Branch Channel Daybeacon 4	TRUB	12241	0237HR	21/00
13675.00	West Branch Channel Daybeacon 16	TRUB	12238	0285HR	25/00
13955.00	Upper York River Daybeacon 21	TRUB	12243	0955HR	14/00
13955.00	Upper York River Daybeacon 21	TRUB	12243	0955HR	50/99
14135.00	Davis Creek Channel Daybeacon 4	TRUB	12238	0166HR	11/99
15390.00	Morattico River Entrance Light 1	LT EXT	12225	0334HR	28/00
16040.00	Dymer Creek Entrance Light 4	LT IMCH	12225	0340HR	28/00
17490.00	Mattox Creek Light 4	DBN IMCH	12287	0370BA	30/00
17882.00	Metomkin Point Warning Daybeacon	DBN IMCH		0402BA	30/00
17920.00	Potomac Creek Daybeacon 3	TRUB	12288	0397BA	30/00
17935.00	Potomac Creek Daybeacon 6	TRUB	12288	0401BA	30/00
18670.00	Four Mile Run Warning Daybeacon A	DBN DMGD	12285	NONEBA	16/00
18685.00	Four Mile Run Warning Daybeacon D	TRUB/SHOALING	12289	NONEBA	14/97
19320.00	Herring Bay Entrance Light 1	LT EXT	12263	0407BA	30/00
19335.00	Rose Haven Channel Light 1	LT EXT	12263	0422BA	31/00
21665.00	Nassawadox Creek Daybeacon 8	TRUB	12226	1150HR	19/99
22195.00	Deep Creek Light 3	TRLB	12210	0383BA	28/00
22540.00	Pocomoke River Channel Buoy 9	MISSING	12228	NONEBA	26/00
22545.00	Pocomoke River Channel Light 10	LT EXT	12228	0327BA	23/00
22560.00	Pocomoke River Channel Buoy 13	MISSING	12228	NONEBA	26/00
22905.00	Creisfield Harbor Junction Light CH	LT EXT	12228	0378BA	27/00
23145.00	Tyler Creek Channel Daybeacon 9	MISSING	12231	0120BA	07/00
23150.00	Tyler Creek Channel Light 11	MISSING	12231	0119BA	07/00
23645.00	Sharkfin Shoal Channel RF Light	LT EXT	12230	0289BA	22/00
24375.00	Fishing Bay Entrance Light 2	LT EXT	12261	NONEBA	26/00
24595.00	Tar Bay Channel Light 4	LT EXT	12261	0419BA	31/00
24735.00	Madison Bay Light 2	LT EXT	12266	0354BA	25/00
24915.00	Choptank River Light	LT EXT	12266	0415BA	31/00
24920.00	Island Creek Light 1	TRLB	12266	0343BA	29/00
25130.00	Choptank River Channel Light 32	LT IMCH	12268	0331BA	23/00
25320.00	Tred Avon River Light 1	LT EXT	12266	0406BA	30/00
25715.00	Broad Creek Daybeacon 8	TRUB	12270	0258BA	17/00
26170.00	Miles River Daybeacon 2	DBN DMGD	12270	0413BA	31/00
26970.00	Shallow Creek Daybeacon 5	TRLB	12278	0246BA	14/00
28141.00	Oregon Inlet Light 41	TRUB	12204	0287CH	01/00
28480.00	Roanoke Sound Channel Daybeacon 21	DBN DMGD	12205	0112CH	28/00
28672.00	Hatteras Inlet Lighted Buoy 8B	LT EXT	11555	NONECH	26/00
28750.00	Hatteras Inlet Light 16	TRLB	11555	0114CH	27/00
28865.00	Rollinson Channel Light 42RC	TRLB	11555	0101CH	24/00
29115.00	Nine Foot Shoal Channel Daybeacon 8	DBN IMCH	11548	0100CH	24/00
29385.00	Beaufort Inlet Channel Light 16	LT IMCH	11541	0131FM	20/00
29505.00	Bogue Inlet Buoy 3	MISSING	11541	0191FM	26/00
29685.00	New River Inlet Buoy 6A	MISSING	11541	NONEFM	27/00
29795.00	New River Channel Daybeacon 18	MISSING	11541	0171FM	24/00
29805.00	New River Channel Light 23	LT EXT	11542	0147FM	22/00
29900.00	Wallace Creek Light 2	LT EXT	11542	0199FM	27/00
29960.00	New River Channel Light 60	LT EXT	11542	0232FM	30/00
29965.00	New River Channel Light 61	LT EXT	11542	0233FM	30/00
30125.00	Banks Channel Light 18	LT EXT	11541	NONEFM	31/00
30318.00	Cape Fear River Channel LB 2	LT EXT	11536	0030FM	05/00
30335.00	Bald Head Shoal Channel RR Light	LT EXT	11534	0244FM	31/00
30577.00	Sunny Point Terminal LB 6S	OFF STA/LT IMCH	11534	0181FM	25/00
30615.00	Sunny Point Terminal Light 16	LT EXT/LT IMCH	11534	0221FM	29/00
31895.00	Chowan River Daybeacon 32	TRUB	12205	NONECH	40/99
31925.00	Croatan Sound Light 4	DBN DMGD	12205	0091CH	23/00
31950.00	Croatan Sound Light 10	DBN DMGD	12205	0120CH	29/00
32075.00	Stumpy Point Target Warning Light E	TRLB	12205	0031CH	05/99
32190.00	Pamlico Sound South Light "S"	DBN DMGD	11555	0102CH	24/00
32410.00	Hodges Reef Lower Light HL	LT EXT	11544	0104CH	24/00

32495.00	Brant Island Warning Light A	LT EXT	11548	NONEFM	40/99
32530.00	Brant Island Warning Light G	MISSING	11548	NONEFM	40/99
32865.00	Wright Creek Light 2	TRLB	11548	0071FM	11/00
32880.00	Wright Creek Daybeacon 6	DBN DMGD	11548	0070FM	11/00
33300.00	Pamlico River Light 7	LT EXT	11554	0211FM	28/00
33565.00	Long Bay Light 2	LT EXT	11544	0182FM	25/00
33920.00	Slocum Creek Light 2	LT EXT	11552	0184FM	25/00
33990.00	Upper Broad Creek Light 2	LT EXT	11552	0215FM	28/00
34010.00	Neuse River Channel Daybeacon 26	ADRIFT	11552	NONEFM	31/00
34320.00	Harbor Island Warning Light	LT EXT	11544	0226FM	30/00
34765.00	North River Daybeacon 8 (CORE SOUND)	MISSING	11543	0281FM	31/99
35065.00	New Jersey ICW Light 26	LT EXT	12324	0121AC	20/00
35305.00	New Jersey ICW Daybeacon 79	LT IMCH	12324	0180AC	30/00
36035.00	New Jersey ICW Daybeacon 272	TRUB	12316	0076AC	17/00
37140.00	Southern Branch Light 47	TRLB	12206	0240HR	21/00
37665.00	Great Bridge Albemarle SD DBN 132	DBN DMGD	12204	0097CH	23/00
37815.00	Great Bridge Albemarle SD DBN 171	TRUB	11553	NONECH	28/00
37850.00	Alligator River Light 8	LT EXT	11553	0109CH	26/00
37870.00	Alligator River Light 16	MISSING	11553	0074CH	28/00
38085.00	Pungo River Channel Daybeacon 14	TRUB	11548	0046FM	09/00
38100.00	Pungo River Channel Daybeacon 11	DBN DMGD	11548	0190FM	26/00
39750.00	New River Cape Fear River DBN 159	DBN DEST	11534	0151FM	22/00
40045.00	Cape Fear Little River DBN 2	TRUB	11534	0228FM	30/00
40200.00	Cape Fear Little River Light 40	DBN IMCH	11534	0203FM	28/00
40350.00	Cape Fear Little River Light 83	DBN IMCH	11534	0163FM	23/00

DISCREPANCIES CORRECTED (Since 05 July, 00)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNMR Ref.
120.00	Five Fathom Bank Lighted Buoy F	WATCHING PROPERLY	12200	0163AC	29/00
250.00	Little Gull Bank Buoy LG	RESET ON STATION		0052ES	21/00
300.00	Turners Lump Lighted Bell Buoy 2TL	RELIGHTED	12210	0071ES	28/00
315.00	Parramore Bank Lighted Gong Buoy 10	RELIGHTED	12210	0321D5	19/00
675.00	Cape Lookout Slough East LWB E	RELIGHTED	11543	0443D5	26/00
860.00	Cape Fear River Entrance LB 4	REBUILT/REMAINS	11537	0122FM	19/00
1130.00	Little Egg Inlet Lighted Buoy F	RELIGHTED	12318	0153AC	29/00
1475.00	Delaware Bay North Approach LBB 2	RELIGHTED	12304	0162AC	28/00
1485.00	Delaware Bay Approach LWB CH	WATCHING PROPERLY	12214	0147AC	25/00
1595.00	Delaware Bay Main Channel LB 27	RELIGHTED	12304	0170AC	29/00
1615.00	Delaware Bay Main Channel LB 31	RELIGHTED	12304	0156AC	27/00
2130.00	Rehoboth Bay Channel Lighted Buoy 13	RELIGHTED	12216	0056ES	23/00
2330.00	Murderkill River Buoy 4	RESET ON STATION	12304	0174AC	29/00
2585.00	Reedy Island Range Rear Light	RELIGHTED	12311	0201PH	28/00
3770.00	Mud Island Lower Range Rear Light	RELIGHTED	12314	0193PH	28/00
3805.00	Upper Delaware River Channel LB 22	WATCHING PROPERLY	12314	0225PH	31/00
3915.00	Neshaminy Marina Jetty Light N	RELIGHTED	12314	0196PH	28/00
4025.00	Keystone Channel Rear Range Light	RELIGHTED	12314	0210PH	29/00
4865.00	Isle of Wight Bay Daybeacon 12	WATCHING PROPERLY	12211	0075ES	28/00
5955.00	Virginia Inside Passage DBN 110	REBUILT/REMAINS	12210	0065ES	26/00
7050.00	Chesapeake Channel Lighted Buoy 4	REBUILT/RECOVERED	12205	0361HR	30/00
7145.00	Chesapeake Channel LBB 22	RESET ON STATION	12221	nonehr	30/00
7410.00	Chesapeake Channel LBB 58	RELIGHTED	12225	0344HR	28/00
7575.00	Chesapeake Channel Mid-Ch LWB HS	WATCHING PROPERLY	12230	0408BA	30/00
7995.00	Craighill Channel Entrance RF LT	RELIGHTED	12273	0423BA	31/00
8040.00	Craighill Channel Range Front Light	WATCHING PROPERLY	12273	0423BA	31/00
8395.00	Brewerton Channel E Ext RR LT	RELIGHTED	12273	0411BA	30/00
8760.00	Worton Point Light	RELIGHTED	12273	0377BA	27/00
8785.00	Upper Chesapeake Channel LB 46	WATCHING PROPERLY	12273	0417BA	31/00
9085.00	Elk River Channel Lighted Buoy 22	RELIGHTED		0410BA	30/00
9200.00	Back Creek Channel Lighted Buoy 32	RELIGHTED	12273	0398BA	29/00
9270.00	Thimble Shoal Channel LGB 12	RELIGHTED	12221	0343HR	28/00
9360.00	Naval Ordnance Lighted Buoy R	RELIGHTED	12221	0353HR	29/00
9630.00	Elizabeth River Channel LB 23	RELIGHTED	12222	0345HR	28/00
9900.00	Elizabeth River Channel LB 36	WATCHING PROPERLY	12206	0339HR	28/00
10515.00	Little Creek Harbor Jetty Light 6	RELIGHTED	12222	0360HR	30/00
10910.00	Hampton River Channel Daybeacon 7	REBUILT/REMAINS	12221	0379HR	31/00
11475.00	Deep Creek CH ENT LT 2 (James RIV)	REBUILT/REMAINS	12248	0326HR	28/00
11845.00	Skiffes Creek Channel Daybeacon 4	WATCHING PROPERLY	12248	0281HR	24/00
11870.00	Skiffes Creek Channel Daybeacon 9	WATCHING PROPERLY	12248	0282HR	24/00
11905.00	James River Channel Lighted Buoy 30	RELIGHTED	12248	0319HR	27/00
12375.00	James River Channel Lighted Buoy 86	RELIGHTED	12251	0265HR	27/00
12500.00	James River Channel LB 111	RELIGHTED	12251	0314HR	27/00
12615.00	James River Channel Light 125	RELIGHTED	12251	0352HR	29/00
13075.00	Back River Channel Light 17	RELIGHTED	12222	0351HR	29/00
14045.00	Upper York River Light 37	RELIGHTED	12243	0357HR	29/00

15075.00	Mill Creek Entrance Light 2	RELIGHTED	12225	0318HR	27/00
15640.00	Rappahannock River Light 36	RELIGHTED	12237	0341HR	28/00
17295.00	Wicomico River Light 3W	RELIGHTED	12286	0393BA	28/00
17520.00	Monroe Creek Entrance Light 4	RELIGHTED	12287	0420BA	31/00
17775.00	Port Tobacco River Daybeacon 3	WATCHING PROPERLY	12285	0412BA	30/00
17895.00	Maryland Point Light	WATCHING PROPERLY	12285	0389BA	28/00
18525.00	Piscataway Creek Daybeacon 6	WATCHING PROPERLY	12285	0387BA	28/00
19480.00	Parish Creek Light 3	RELIGHTED	12270	NONEBA	27/00
19575.00	South River Daybeacon 5	REBUILT/RECOVERED	12270	0399BA	30/00
19575.00	South River Daybeacon 5	WATCHING PROPERLY	12270	0392BA	28/00
19600.00	Selby Bay South Basin Daybeacon 1	WATCHING PROPERLY	12270	0391BA	28/00
19745.00	Horn Point Warning Light HP	REBUILT/REMAINS	12270	0322BA	23/00
19815.00	Lake Ogleton Entrance Light 1L	RELIGHTED	12263	0385BA	28/00
19815.00	Lake Ogleton Entrance Light 1L	WATCHING PROPERLY	12263	0390BA	28/00
20535.00	Jones Creek Light 6	WATCHING PROPERLY	12273	0388BA	29/00
21345.00	Northwest Harbor Lighted Buoy 7	WATCHING PROPERLY	12278	0409BA	30/00
23495.00	Lower Thorofare Channel Light 2	RELIGHTED	12230	0396BA	29/00
24590.00	Tar Bay Channel Light 3	REBUILT/REMAINS	12230	0418BA	31/00
25465.00	Tred Avon River Daybeacon 12	REBUILT/RECOVERED	12266	0356BA	26/00
26435.00	Kent Island Narrows North App LT 6	WATCHING PROPERLY		0344BA	25/00
26810.00	Chester River Channel Light 39	RELIGHTED	12272	0404BA	30/00
27185.00	Gunpowder River Approach LB 4	RELIGHTED	12273	0395BA	28/00
28003.00	Oregon Inlet Lighted Buoy 6	REBUILT/RECOVERED	12204	0280CH	52/99
28030.00	Oregon Inlet Buoy 13	DISCONTINUED	12205	0246CH	44/99
28995.00	Silver Lake Entrance Daybeacon 4	WATCHING PROPERLY	11548	0111CH	27/00
29500.00	Bogue Inlet Buoy 2	WATCHING PROPERLY	11541	0229FM	30/00
29505.00	Bogue Inlet Buoy 3	REBUILT/RECOVERED	11541	0234FM	30/00
29605.00	Swansboro Coast Guard Channel B 2	REBUILT/RECOVERED	11541	0230FM	30/00
30080.00	Banks Channel Light 7	RELIGHTED	11541	0180FM	25/00
30082.00	Banks Channel Buoy 7A	REBUILT/RECOVERED	11541	0243FM	31/00
30141.00	Old Topsail Creek Buoy 3	RESET ON STATION	11541	NONEFM	19/00
30320.00	Cape Fear River Entrance LB 4	REBUILT/REMAINS	11536	0122FM	19/00
30335.00	Bald Head Shoal Channel RR Light	RELIGHTED	11534	0237FM	31/00
30420.00	Oak Island Channel DBN 2	WATCHING PROPERLY	11534	0200FM	28/00
30560.00	Reaves Point Channel RR Light	RELIGHTED	11534	0236FM	30/00
30635.00	Cape Fear River Channel LB 28	REBUILT/REMAINS	11534	NONEFM	28/00
32200.00	Buxton Harbor Light 2	RELIGHTED	11555	0115CH	28/00
32315.00	Frisco Channel LT 10	RELIGHTED	11555	0116CH	28/00
33300.00	Pamlico River Light 7	RELIGHTED	11554	0211FM	28/00
33790.00	Adams Creek Light 1AC	REBUILT/RECOVERED	11541	0242FM	31/00
34015.00	Neuse River Channel Light 27	RELIGHTED	11552	0231FM	30/00
34430.00	Thorofare Channel Light 1A	WATCHING PROPERLY	11544	0189FM	26/00
34455.00	Core Sound Light 19	RELIGHTED	11544	0223FM	29/00
35225.00	New Jersey ICW Light 62	WATCHING PROPERLY	12324	0150AC	25/00
35285.00	New Jersey ICW Light 74	RELIGHTED	12324	0158AC	27/00
35560.00	New Jersey ICW Buoy 136	WATCHING PROPERLY	12316	0157AC	27/00
35620.00	New Jersey ICW Light 153	RELIGHTED	12316	0126AC	21/00
36840.00	Southern Branch Buoy 12	WATCHING PROPERLY	12206	0372HR	31/00
37610.00	Great Bridge Albemarle SD DBN 115	WATCHING PROPERLY	12206	0103CH	24/00
38075.00	Pungo River Channel Daybeacon 16	WATCHING PROPERLY	11548	NONEFM	14/00
38100.00	Pungo River Channel Daybeacon 11	REBUILT/RECOVERED	11548	0222FM	29/00
38400.00	Core Creek Range Front Light 24	WATCHING PROPERLY	11541	0213FM	28/00
38430.00	Core Creek Daybeacon 28	WATCHING PROPERLY	11545	0235FM	30/00
38482.00	Core Creek Daybeacon 30A	REBUILT/RECOVERED	11541	0201FM	27/00
38735.00	Causeway Channel Buoy 6	WATCHING PROPERLY	11545	0220FM	29/00
38975.00	Bogue Sound Daybeacon 31	REBUILT/RECOVERED	11541	0188FM	26/00
39075.00	Bogue Sound Daybeacon 46B	WATCHING PROPERLY	11541	0099FM	15/00
39225.00	Bogue Sound/New River Daybeacon 63	REBUILT/RECOVERED	11541	0107FM	19/00
39310.00	Bogue Sound/New River Daybeacon 76	WATCHING PROPERLY	11541	0091FM	14/00
39390.00	New River Cape Fear River DBN 32	REBUILT/REMAINS	11541	0134FM	21/00
39565.00	New River Cape Fear River DBN 105	REBUILT/RECOVERED	11541	0078FM	13/00
39605.00	New River Cape Fear River DBN 123	WATCHING PROPERLY	11541	0209FM	28/00
39720.00	New River/Cape Fear River Light 153	REBUILT/RECOVERED	11534	NONEFM	28/00
39750.00	New River Cape Fear River DBN 159	WATCHING PROPERLY	11534	0169FM	24/00
39810.00	Wilmington Shortcut Daybeacon 9	WATCHING PROPERLY	11534	0056FM	09/00
40050.00	Cape Fear Little River Light 2A	WATCHING PROPERLY	11534	0165FM	23/00
40130.00	Cape Fear Little River DBN 36	REBUILT/REMAINS	11534	0210FM	28/00

DISCREPANCIES (PRIVATE AIDS) (Since 05 July, 2000)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
1690.00	BIDWELL CRK ENT LB 2	MISSING	12304	0179AC	30/00
7095.00	CHESAPKE CH TUNNEL S LT, BELL	LT EXT	12221	0261HR	22/00
7850.00	PIER 1 BUOY 3	DBN IMCH	12263	0340BA	24/00
10334.20	Lynnhaven River E Branch Daybeacon 30	MISSING	12222	NONEHR	11/98

10334.30	Lynnhaven River E Branch Daybeacon 32	MISSING	12222	NONEHR	11/98
13585.00	VA Power Intake Jetty Light A (York River)	LT EXT	12238	0348HR	28/00
17495.00	HARBOR VIEW DBN 6	DBN IMCH	12286	0384BA	28/00
17855.00	Nanjemoy Creek Daybeacon 8	DBN DMGD	12288	0225BA	12/00
18070.00	QUANTICO MARINA BARRICKS FOG SIG	RAC IMCH	12288	0308BA	22/00
19360.00	Herrington Harbor Entrance Daybeacon 2	DBN DMGD	12266	0251BA	14/00
20430.00	Pennwood Channel Range Front Light	LT EXT	12278	0294BA	31/98
20545.00	Sparrow Point Steel Work Channel RF Light	LT EXT	12278	0156BA	08/00
21180.00	Fairfield Channel Buoy 4	BUOYSINK	12281	0250BA	14/00
23335.00	Jones Creek Daybeacon 11	MISSING	12231	0186BA	09/00
23340.00	Jones Creek Daybeacon 12	OFF STA	12231	0187BA	09/00

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
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III TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED: This section contains temporary changes and corrections to Aids to Navigation since 05 July 2000. When aids are temporarily relocated for dredging, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Name of Aid	Status	Chart Affected	LNM Ref.
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None

TEMPORARY CHANGES CORRECTED

None

IV CHART CORRECTIONS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. **The mariner must decide which Chart(s) to correct. The following example explains the individual elements of a typical chart correction.**

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91 st Ed.	04/19/97	LAST LNM 26/97	NAD 83	(CGD05)	50/97
(TEMP) NY-NJ-NEW YORK HARBOR - RARITAN RIVER						40°41'09.0"N 074°02'48.1"W
Add	National Dock Channel Buoy 3, green can					Position
Corrective Action	Object of corrective Action	(Degrees, minutes, seconds and tenths)				

The letter (M) immediately following the chart number indicates that the correction should be applied to the Metric side of the chart only. (Temp) Indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees true, clockwise from 000. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM).

11537	32nd ed.	11/06/1999	LAST LNM : 50/99	NAD 83	(NOS-NW-3296)	31/00
CAPE FEAR RIVER: CAPE FEAR RIVER TO WILMINGTON						
CHANGE Tabulation - Cape Fear River Channel centered at						
(See Enclosure 1) (Supercedes LNM 28/00)						
12204	33rd ed.	06/15/1996	LAST LNM: 50/99	NAD 83	CGD05	31/00
CURRITUCK BEACH LIGHT TO WIMBLE SHOALS						
CHANGE Roanoke Sound Channel Daybeacon 30 to						
Roanoke Sound Channel Light 30 QR 15FT 3M and						
Relocate from						
(Supercedes LNM 25/00)						
35-55-08.877N 075-38-58.916W						
35-54-50.517N 075-38-47.876W						
12205	25th ed.1	11/20/1999	LAST LNM: 04/00	NAD 83	(CGD05/NOS-NW-3368,3385)	31/00
CAPE HENRY TO PAMLICO SOUND						
CHANGE Roanoke Sound Channel Daybeacon 30 to						
Roanoke Sound Channel Light 30 QR 15FT 3M and						
Relocate from						
(Supercedes LNM 25/00)						
35-55-08.877N 075-38-58.916W						
35-54-50.517N 075-38-47.876W						

CHANGE Lynnhaven Inlet note to read:
 Lynnhaven Inlet is subject to continual change.
 The controlling depth in the entrance
 Channel is 7 feet for a width of 150 feet.
 Apr 1998 – Feb 2000 at 36-51-33.800N 076-01-58.000W

ADD 20FT sounding, dotted danger curve, blue tint and label:
 Obstrn at 36-56-04.000N 076-00-44.700W

12208 7th ed. 12/05/98 LAST LNM : 45/99 NAD 83 (NOS-NW-3385) 31/00
 ADD label: Obstrn at 36-56-04.000N 076-00-44.700W

12222 40th ed. 11/27/99 LAST LNM : 04/00 NAD 83 (NOS-NW-3368) 31/00
 CHANGE Depth legend to: 7 FT BY 150 FT APR 1998 – FEB 2000
 at 36-54-28.000N 076-05-27.300W

ADD Lehigh Portland Cement Mooring Light
 FL Y 4s 14FT (Priv) (PA) in 36-55-48.000N 076-20-01.000W

12237 25th ed. 01/11/1997 LAST LNM : 48/99 NAD 83 CGD05 31/00
 RAPPAHANNOCK RIVER- CORROTOMAN RIVER TO FREDRICKSBURG
 ADD TMT Lighted Mooring Buoy A
 FI W 4s white (Priv) (PA) in 37-51-12.000N 076-45-40.000W
 (Supercedes LNM 29/00)

12245 58th ed. 02/12/00 LAST LNM : 34/99 NAD 83 CGD05 31/00
 ADD Lehigh Portland Cement Mooring Light
 FL Y 4s 14FT (Priv) (PA) in 36-55-48.000N 076-20-01.000W

12254 41st ed. 10/23/19 LAST LNM : 47/99 NAD 83 (NOS-NW-3368) 31/00
 CHANGE Depth legend to: 7 FT FOR A WIDTH OF 1250 FT
 APR 1998 – FEB 2000 at 36-54-33.000N 076-05-28.300W

12314 29th ed. 04/04/1998 LAST LNM : 46/99 NAD 83 CGD05 31/00
 DELAWARE RIVER- PHILADELPHIA TO TRENTON
 RELOCATE Delair Range Front Light Iso G 2s
 And change height to 25ft from 40-00-35.220N 075-03-14.560W
 (Supercedes LNM 29/00) to 40-00-30.314N 075-03-16.801W
 Delair Range Rear Light Oc G 4s
 And change height to 41ft from 40-00-41.230N 075-03-11.990W
 (Supercedes LNM 29/00) to 40-00-35.019N 075-03-14.838W

12300 41st ed. 04/01/2000 LAST LNM : 29/00 NAD 83 CGD05 31/00
 APP NY TO FIVE FATHOM BANK
 RELOCATE Barnegat Inlet Outer Lighted Whistle
 Buoy BI Mo (A) Red and White from 39-44-36.660N 074-03-31.280W
 (Supercedes LNM 29/00) to 39-44-28.486N 074-03-51.328W

12301 17th ed. 01/01/1987 LAST LNM : 29/00 NAD 27 CGD05 31/00
 OPERATING AREAS- VICINITY OF NARRAGANSETT BAY GREAT S. CH 5 FATHOM BANK (LORAN)
 RELOCATE Barnegat Inlet Outer Lighted Whistle
 Buoy BI Mo (A) Red and White from 39-44-36.660N 074-03-31.280W
 (Supercedes LNM 29/00) to 39-44-28.486N 074-03-51.328W

12323 23rd ed. 03/11/2000 LAST LNM : 29/00 NAD 83 CGD05 31/00
 NEW JERSEY- SEACOAST- SEAGIRT TO LITTLE EGG INLET
 RELOCATE Barnegat Inlet Outer Lighted Whistle
 Buoy BI Mo (A) Red and White from 39-44-36.660N 074-03-31.280W
 (Supercedes LNM 29/00) to 39-44-28.486N 074-03-51.328W

12324 28th ed. 03/01/1997 LAST LNM : 29/00 NAD 83 CGD05 31/00
 SANDY HOOK TO LITTLE EGG HARBOR
 RELOCATE Barnegat Inlet Outer Lighted Whistle
 Buoy BI Mo (A) Red and White from 39-44-36.660N 074-03-31.280W
 (Supercedes LNM 29/00) to 39-44-28.486N 074-03-51.328W

A weekly electronic update service is now available for NOAA's digital, raster nautical charts. All Notice to Mariner corrections from USCG, NIMA and CHS are included. The service is provided via a partnership between NOAA and Maptech, Inc. Further information is available from NOAA at 301-713-2770, <http://chartmaker.ncd.noaa.gov> or from Maptech at 978-933-3000, <http://www.maptech.com>.

V ADVANCE NOTICES: This section contains advance notice of approved projects or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

MD – CHESAPEAKE BAY – Greenbury Point Shoal Light (LLNR 19725)

The Coast Guard is soliciting comment on the discontinuing of Greenbury Point Shoal Light (LLNR 19725). Comments on discontinuing this light should be forwarded to the OFFICE OF THE COMMANDER (AOWW), FIFTH COAST GUARD DISTRICT, 431 CRAWFORD STREET, PORTSMOUTH, VA 23703-5004 no later than August 07, 2000.

VA – CHESAPEAKE BAY ENTRANCE – Aids to Navigation Change

On or about 4 September, 2000 the Coast Guard will be changing the characteristics of Chesapeake Bay Entrance Junction Lighted Gong Buoy CBJ (LLNR 405) to Chesapeake Bay Entrance Junction Lighted Whistle Buoy C (LLNR 405).

LNM 18/00

VI PROPOSED CHANGES: This section contains notice of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to: Commander, Fifth Coast Guard District (Aoww), 431 Crawford Street, Portsmouth, VA 23704-5004, unless otherwise noted.

DE – UPPER DELAWARE RIVER AtoN Change

The U.S. Coast Guard proposes to discontinue the following aid to navigation: Upper Delaware River Channel Buoy 109 (LLNR 4350) and Upper Delaware River Channel Buoy 111 (LLNR 4355). Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER (AOWW), FIFTH COAST GUARD DISTRICT, 431 CRAWFORD STREET, PORTSMOUTH, VA 23703-5004 no later than August 15, 2000.

LNM 27/00

MD - CHESAPEAKE CHANNEL AtoN Change

The U.S. Coast Guard proposes to discontinue the following aid to navigation: William P. Lane Bridge RACON (LL 7895). Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER (AOWW), FIFTH COAST GUARD DISTRICT, 431 CRAWFORD STREET, PORTSMOUTH, VA.23704-5004 or to Ensign Robert Nakama at e-mail: RNakama@LANTD5.uscg.mil, no later than August 31, 2000.

LNM 31/00

VII GENERAL: This section contains information of general concern to the mariner. Mariners are advised to use caution while transiting these areas.

The following is a list of dredging operations being conducted in the Fifth Coast Guard District. Mariners should be aware that the dredge and pontoon lines are held in place by cables, which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor Channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland Navigation Rules when approaching, passing and leaving the area of operation, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

CONSTRUCTION/DREDGING LOCAL NOTICE TO MARINERS NOTIFICATION DEADLINES

Construction and dredging companies should notify D5(Aow) at least 3 weeks prior to operation begin date for information to be published in the Local Notice to Mariners. It is requested that notification be delivered by fax and followed up by telephone. Fax# (757)398-6334 or (757)398-6303 and voice Phone# (757)398-6225 or (757)398-6486.

LOCATION	COMPLETION DATE	DREDGE	REF LNM
NJ – ICW – LITTLE EGG HARBOR BRIDGE CONSTR	JULY 2001	-----	02/00
NJ – CAPE MAY TO BARNEGAT INLET ICW	NOV 15, 2000		16/00
PA – DELAWARE RIVER – FT. MIFFLIN – CONSTR	UNTIL FURTHER NOTICE	COMPLETE DIVING SERVICE	04/00
MD – VA – FISHERMANS ISLAND	UNTIL FURTHER NOTICE	WRIGHT DREDGE	32/99
VA – JAMES RIVER	UNTIL FURTHER NOTICE	HAMPTON ROADS	32/99
VA – ELIZABETH RIVER NORFOLK NAVAL SHIPYARD	JULY 2002	TIDEWATER CONSTR	05/00
VA – ELIZABETH RIVER – NAUTICUS – DREDGING	SEPTEMBER 2000	TIDEWATER CONSTR	04/00
VA – RUDEE INLET – DREDGING	UNTIL FURTHER NOTICE	HAMPTON ROADS	13/00
VA – HONGA RIVER – HOOPERS ISLAND BRIDGE	AUGUST 31, 2000	MARYLAND DIVING	10/00
VA – LYNNHAVEN BAY – LYNNHAVEN RIVER	UNTIL FURTHER NOTICE	NORFOLK DREDGING CO	10/00
NC – NEW BERN – CONSTRUCTION	SEPTEMBER 30, 2000	McLEAN CONTRACTING CO	46/99
NC – OREGON INLET DREDGING	UNTIL FURTHER NOTICE	ATCHAFALAYA	40/99
NC – ATLANTIC – ICW – CONSTRUCTION	JULY 31, 2001	-----	16/99
NC - CROATAN SOUND - BRIDGE CONSTRUCTION	DECEMBER 2001	-----	09/99

SUMMARY OF SHOALING

The following list is a summary of shoaling articles published in the D-5 Local Notice to Mariners. For the complete article see the number listed under REF LNM. However shoaling is subject to continual change. In many inlets hydrography is not shown due to frequent changes. All mariners are urged to use caution when transiting these areas.

LOCATION	PUBLISHED DATE	CHART	REF LNM
NJ - ICW - TOW ISLAND	26 MAY 98	12316	21-98
NJ - MANASQUAN INLET	10 FEB 98	12324	06-98
NJ - DE - DELAWARE BAY MAIN CHANNEL	28 JUL 98	12304	30-98
NJ – BARNEGAT INLET	01 AUG 00	12323	31/00
DE - MURDERKILL RIVER	05 MAY 98	12304	18-98
MD - OCEAN CITY INLET	10 FEB 98	12211	06-98
MD - ICW - CAPE MAY CANAL	24 MAR 98	12316	12-98
MD - CHESAPEAKE BAY - KNAPPS NARROWS	07 JUL 98	12266	27-98
MD - CHESAPEAKE BAY	06 OCT 98	12233	40-98

MD - ISLE OF WIGHT BAY	14 NOV99	12211	44-99
MD - CHESAPEAKE BAY - KENT NARROWS	21 APR 00	12272	18-00
VA - CHINCOTEAGUE CHANNEL	14 NOV 99	12210, 12211	46-99
VA - LONG CREEK	11 APR 00	12205	18-00
NC - OREGON INLET	22 JUN 99	12204, 12205	25-99
NC - MANTEO CHANNEL - ROANOKE SOUND	08 JUN 99	12204	23-99
NC - SHALLOTTE INLET	24 AUG 99	11541	34-99
NC - SHALLOTTE INLET	21 MAR 00	11541	12-00
NC - ELIZABETH RIVER SOUTHERN BRANCH	13 JAN 98	12206	02-98
NC - CAUSEWAY CHANNEL	13 JAN 98	11541	02-98
NC - CAPE FEAR RIVER	21 APR 98	11537	16-98
NC - NEW RIVER INLET	28 APR 98	11542	17-98
NC - ROLLINSON CHANNEL	6 OCT 98	11555	40-98
NC - WALTER SLOUGH CHANNEL	14 JUL 98	12205	28-98
NC - MOREHEAD CITY CHANNEL	14 OCT 97	11545	41-97
NC - WEST BAY MILE MARKER LT 3	06 JUN 00	11548	23-00

INFORMATION CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM. For more information refer to the referenced Local Notice To Mariner or contact the Bridge Administration Office of the Fifth Coast Guard District at 804-398-6222.

BRIDGE	TYPE	WATERWAY	MILE	SUBJECT	LN
Cape May Canal Railroad	SW	ICW	115.1	Bridge Information	13/00
Stoney Creek	DR	Stoney Creek	0.9	Electrical repairs	50/99
Route 162	F	Cape May Canal	113.8	Bridge Construction	03/00
Passyunk Avenue Bridge PA		Schuylkill River	3.5	Bridge Construction	07/00
I-295 Highway	F	Rancocas Creek	8.0	Bridge Reconstruction	31/96
Garden State Highway	F	Great Egg Bay	3.5	Bridge Reconstruction	47/99
Passyunk Avenue		Schuylkill River	3.5	Bridge Construction	42/99
William Preston Lane JR., MD	F	Chesapeake Bay	138.0	Bridge Painting	19/98
Centerville Turnpike Bridge		Albemarle Chesapeake Canal	15.2	Bridge Repair	31/00
Trippe Creek, MD		Trippe Creek		Bridge Construction	37/97
Fairfield	F	AICW	113.8	Bridge Construction	42/99
Croatan Sound		Croatan Sound		Bridge Construction	23/98
Morehead-Beaufort Bridge	F	AICW		Bridge Information	12/96

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule, E=East(Eastern), W=West(Western), S=South(Southern), N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad, Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

GENERAL ARTICLES

NJ - TUCKERTON - Cable Laying Operations

The cable ship SUBARU will be engaged in 24 hour cable laying operations offshore from Tuckerton NJ until 30 August, 2000 which include, dive operations and limited maneuvering capabilities during operations. M/V SUBARU may be contacted on channel VHF-FM 16. Mariners are advised to use caution when transiting the area.

LN 31/00

NJ - PA - DELAWARE RIVER - Light show and Fireworks regulated area

Under the Sun productions will be sponsoring the 2000 Electrical River Spectacular Light Show, Boat Parade and fireworks. The event will take place from 8:00 pm to 11:30 pm on Sunday, July 30, 2000. The Coast Guard has established a special regulated area for the parade from Kaigh Point to Copper Point. No vessel may enter the regulated area between 8:00 pm and 11:30 pm. The Coast Guard Patrol Commander may be reached via Channels 13 and 16 VHF-FM.

LN 27/00

NJ - SALEM RIVER - Dredging

The hopper dredge ATCHAFALAYA will be conducting dredging operations within the Salem River, NJ from August 2, 2000 until August 30, 2000. The dredge will monitor VHF-FM Channels 13, 16 and 70. To accomplish disposal of material a mooring barge will be placed between the Delaware River Ship Channel and New Jersey shore line. An additional 20 inch pipeline will be placed and sunk between the mooring barge and the shore line. Mariners are advised to use caution when transiting the area.

LN 29/00

NJ - LITTLE EGG HARBOR - Communication Cable Installation - completion date extension

Caldwell Cable Ventures will commence installation of (4) communication submarine cables across Little Egg Harbor, NJ on August 4, 2000 and is expected to be completed by September 15, 2000. The cable path will start at position 39-35.8N 074 18.7W and stop at 39-34.2N 074 14.4W. The vessels on site will be a 140 ft barge assisted by the AKALA, a 40 ft blue hulled tug and the JERRY C, a 36 ft black hulled tug. Both tugs and the barge will be monitoring VHF-FM Channels 16, 13, 10. Mariners are advised to use caution when transiting the area.

LN 29/00

NJ - ICW - LITTLE EGG HARBOR TO CAPE MAY CANAL & MULLICA RIVER - NACOTE CREEK

The New Jersey Department of Transportation highway bridges are scheduled for inspection from 9 a.m. to 5 p.m. daily during the following dates: 1) US 9 Bridge, at mile 1.5, across Nacote Creek from July 24 to 31, 2000; and 2) US 30 Bridge, at ICW mile 67.2, across Beach Thorofare from August 1 to 8, 2000, both in Atlantic County, New Jersey. The inspection will be done utilizing a hydraulic lift mounted on a steel work boat on a barge. Work below the moveable spans will take 4 to 5 hours per bridge. Mariners are also advised to plan their trips according and to exercise caution when transiting the area.

LN 29/00

NJ - PA - PHILADELPHIA AND CAMDEN WATERFRONTS - DELAWARE RIVER -

The 2000 biennial inspection of the Walt Whitman Bridge, at mile 96.8, across the Delaware River, in Philadelphia, Pennsylvania will be performed between the hours of 9 a.m. and 5 p.m., from July 9 through July 21 and August 7 through August 18, 2000. To facilitate the inspection, equipment accessing the underside of the bridge will encroach upon the vertical clearance by approximately 10 feet. However, the unit can be removed from restricting the channel in about five minutes. At all times during the inspection, a rescue boat will be in place equipped with a marine radio in continuous communication with the inspection crew. Mariners are advised to exercise extreme caution when transiting the area.

LNM 27/00

NJ - DE - Fourteen Foot Bank Light - Oceanographic Measurements

The University of Delaware, College of Marine Studies, will be establishing instrument mooring sites on the West side in the red sector only, at a distance of ½ to 1 nautical miles from the light structure, in approximately 40 feet of water. Each site will be marked with a yellow or orange buoy, 16-20 inches in diameter fitted with a yellow light flashing at 4 second intervals. The moorings will be from the first week of July through mid December 2000.

NJ - DE - DELAWARE BAY - COHANSEY RIVER -

The U.S. Coast Guard has received an application for a bridge permit from the New Jersey Department of Transportation. This application proposes the replacement of the existing fixed bridge which carries Route 49 over Cohansey River, at mile 18.2., in Bridgeton City, Cumberland County, New Jersey, with a new fixed bridge on essentially the same alignment. Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER, ATLANTIC AREA (AOWB), 431 CRAWFORD STREET, PORTSMOUTH, VIRGINIA 23704-5004 through July 29, 2000. Copies of PUBLIC NOTICE 5-969 which describes the proposal in detail can be obtained by writing to the above address or by calling (757) 398-6629.

DE - INDIAN RIVER - Cleanup Operations

An environmental contractor is conducting cleanup operations along the shoreline of the Indian River, Delaware in the vicinity of Buoy 40 to Buoy 42. This long term project consists of over 300 feet of containment boom along the shoreline. All vessels transiting area are required to operate at a no wake speed during transiting the area of operations.

LNM 31/00

MD - CURRITUCK SOUND - Poplar Island Habitat Restoration Project

The dredge RICHMOND will be conducting dredging operations in the Poplar Island habitat Restoration, Phase II, Talbot County, MD, during the period of June 15, through September 15, 2000. The dredge may be contacted on VHF-FM Channels 13 and 16. Mariners are advised to use caution when transiting the area.

LNM 29/00

MD - SUSQUEHANNA RIVER - Amtrak Swing Bridge

Rehabilitation work will be conducted at the AMTRAK Swing Bridge, at mile 1.0, across the Susquehanna River between Perryville and Havre de Grace, MD. The work will involve the replacement of the main pinion shaft and gears. Work is scheduled to commence at the north side of the center swing span pier channel from 7 a.m. on July 24 to 5 p.m. on July 30, and then proceed to the south side channel from 7 a.m. on August 7 to 5 p.m. on August 13, 2000. To support the work, a work barge will be moored to the center pier for the duration. Mariners are requested to reduce wake and to exercise extreme caution when transiting the area.

LNM 28/00

NC - CAPE FEAR RIVER - Turning Basin Temporary Wreck Buoy

A temporary wreck buoy "WR2" with a quick flashing red light has been established in approximate position 34-15-53.110N 077-57-06.545W in 28 feet of water to mark a 60 foot barge sunk within the turning basin the buoy will remain until the wreck is salvaged. Mariners are urged to use extreme caution when transiting the area.

LNM 27/00

NC - NEW RIVER - Firing exercises

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the following periods:

None

Firing to 3 miles seaward.

Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector	Sunrise to Sunset daily,	07-13 August, 2000
Farnell Bay Sector	Sunrise to Sunset daily,	07-13 August, 2000
Traps Bay Sector	Sunrise to Sunset daily,	07-13 August, 2000
Stone Bay Sector	12:01 a.m. to Midnight,	07-13 August, 2000
Stone Creek Sector	12:01 a.m. to Midnight,	07-13 August, 2000
Grey Point Sector	12:01 a.m. to Midnight,	07-13 August, 2000

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight 07-13 August, 2000. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

Charts: 11542, 11543

VIII LIGHT LIST CORRECTIONS FOR COMDTPUBP16502.2 VOLUME II 2000 EDITION

An asterisk*, indicates the column in which a correction has been made or new information added.

(1) LLNR	(2) Name and Location	(3) N/W Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks	LNM
9522 *	Lehigh Portland Cement Mooring Dolphin A *	36 55 48N 76 20 01W *	FI Y 4s *	14		On concrete dolphin pile.	Private aid.	31/00
10815	- LIGHT	36 56 43N 76 23 29W	FI R 10s	52	9	Red conical tower on red cylindrical pier.	BELL: 1 stroke ev 15s. Operates continously from Sept. 15 to June 1.	31/00
18460	- Lighted Buoy 11	*	FI G 4S *		4 *	Green.	Maintained from May To Nov 15. Private aid.	31/00
25122 *	- Daybeacon 10 *	38 33 53N 76 00 42W *		12		TR on pile.	Private aid.	31/00
			*	*	*	*	*	

J. E. SHKOR
VICE ADMIRAL, U. S. COAST GUARD

Enclosures

1. Chart 11537 [Tabulation](#)

U.S.C.G. AUXILIARY BOATING CLASS SCHEDULE FOR FIFTH NORTHERN DISTRICT

July 24, 2000

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT
07-12	Ship Bottom	NJ	Ship Bottom Borough Hall	8/5/00	Boating Skills and Seamanship	Joe Lupa
13-05	Camden	NJ	Berlin Community School	10/5/00	Advanced Coastal Navigation	Dan Carter
13-05	Camden	NJ	Berlin Community School	10/4/00	Sailing Fundamentals	Ed Rearick
13-05	Camden	NJ	Berlin Community School	10/5/00	Boating Skills and Seamanship	Sam Pascarello
13-05	Haddonfield	NJ	Haddonfield Memorial High School	10/5/00	Boating Skills and Seamanship	Dan Carter
13-03	Westmont	NJ	Haddon Twp High School	9/1/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Westmont	NJ	Haddon Twp High School	9/1/00	Sailing Fundamentals	Charles L. Gruber
07-04	Manahawkin	NJ	Southern Regional High School	9/25/00	Boating Skills and Seamanship	Herb Hoeger
13-05	Mt. Laurel	NJ	Hartford School	9/20/00	Boating Skills and Seamanship	Dan Carter
13-05	Mt. Laurel	NJ	Hartford School	11/1/00	Advanced Coastal Navigation	Dan Carter
13-05	Mt. Laurel	NJ	Hartford School	9/20/00	Sailing Fundamentals	Ed Rearick
13-07	Medford	NJ	Lenape High School	9/28/00	Boating Skills and Seamanship	Bill Riches
13-07	Medford	NJ	Lenape High School	9/26/00	Basic Coastal Navigation	Bill Riches
13-07	Medford	NJ	Lenape High School	9/28/00	Sailing Fundamentals	Bill Riches
13-06	Moorestown	NJ	Moorestown High School	9/20/00	Boating Skills and Seamanship	Buzz Lombardi
13-06	Moorestown	NJ	Moorestown High School	9/21/00	Boating Safely	Buzz Lombardi
06-05	Delran	NJ	Moose Lodge #279	9/11/00	Boating Skills and Seamanship	Rita Kratzer
13-06	Delran	NJ	Delran Municipal Building	10/2/00	Boating Skills and Seamanship	Buzz Lombardi
13-06	Riverside	NJ	Dredge Harbor Marina	10/3/00	Boating Skills and Seamanship	Buzz Lombardi
13-03	Runnemede	NJ	Triton High School	10/2/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Runnemede	NJ	Triton High School	10/2/00	Sailing Fundamentals	Charles L. Gruber
13-03	Runnemede	NJ	Triton High School	9/1/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Runnemede	NJ	Triton High School	9/1/00	Sailing Fundamentals	Charles L. Gruber
13-03	Audubon	NJ	Audubon High School	9/28/00	Sailing Fundamentals	Charles L. Gruber
13-03	Audubon	NJ	Audubon High School	9/28/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Audubon	NJ	Audubon High School	9/27/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Audubon	NJ	Audubon High School	9/27/00	Sailing Fundamentals	Charles L. Gruber
13-03	Westmont	NJ	Haddon Twp. High School	9/27/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Westmont	NJ	Haddon Twp. High School	9/27/00	Sailing Fundamentals	Charles L. Gruber
13-03	Pennsauken	NJ	Pennsauken High School	9/27/00	Sailing Fundamentals	Charles L. Gruber
13-03	Pennsauken	NJ	Pennsauken High School	9/27/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Pennsauken	NJ	Pennsauken High School	9/1/00	Boating Skills and Seamanship	Charles L. Gruber
13-03	Pennsauken	NJ	Pennsauken High School	9/1/00	Sailing Fundamentals	Charles L. Gruber
08-02	Cape May	NJ	1519 Yacht Avenue	8/12/00	Boating Safely	Bruce Long
03-04	Millville	NJ	Millville Seinor Center	8/10/00	Boating Safely	Sandy Cerione
03-04	Millville	NJ	Millville Seinor Center	9/18/00	Boating Safely	Sandy Cerione
07-11	Bayville	NJ	Bayville Recreation Center	10/10/00	Boating Skills and Seamanship	Timothy Bomper
16-05	Brick	NJ	Brick High School	10/1/00	Boating Skills and Seamanship	Kevin Pace
07-09	Lanoka Harbor	NJ	Mill Pond School	9/26/00	Boating Skills and Seamanship	Marie McGlynn
16-10	Pt. Pleasant Bch	NJ	CG Station Manasquan Inlet	9/7/00	Boating Skills and Seamanship	Bob France
16-06	Toms River	NJ	Toms River Intermediate East	10/4/00	Boating Skills and Seamanship	Charles Beres Jr.
16-06	Toms River	NJ	Toms River Intermediate East	10/4/00	Sailing Fundamentals	Charles Beres Jr.
14-03	Lebanon	PA	Lebanon County Vo Tech	9/18/00	Boating Skills and Seamanship	Anne Marie Wells
05-06	Chambersburg	PA	Chambersburg Sr. High School	9/5/00	Boating Skills and Seamanship	Howard Guest
14-07	Manheim	PA	Manheim American Legion	9/12/00	Boating Safely	Bonita Shumate
14-01	Lancaster	PA	Manheim Twp Ambulance Bldg	9/1/00	Boating Safely	John Williams
14-01	Lancaster	PA	Manheim Twp Ambulance Bldg	9/1/00	Advanced Coastal Navigation	William T. Stine
14-01	Lancaster	PA	Manheim Twp Ambulance Bldg	10/1/00	Boating Safely	John Williams
10-08	Quakertown	PA	Highway Marine	8/16/00	Boating Skills and Seamanship	Jerry Fuqua
10-08	Quakertown	PA	Highway Marine	10/4/00	Boating Skills and Seamanship	Jerry Fuqua
02-04	Warminster	PA	Warminster Rec & Ed Ctr	9/13/00	Boating Skills and Seamanship	Eugene Henderson
02-04	Abington	PA	Abington Adult School	9/25/00	Basic Coastal Navigation	Clifford Dunn
02-04	Abington	PA	Abington Adult School	9/25/00	Boating Skills and Seamanship	Rosa Neff
04-07	Aston	PA	Sun Valley High School	9/21/00	Boating Skills and Seamanship	Ken Chandler
04-07	Boothwyn	PA	Chichester Middle School	9/11/00	Boating Skills and Seamanship	Ken Chandler
04-03	Broomall	PA	Paxon Hollow Middle School	9/1/00	Boating Skills and Seamanship	Marc Needham
04-07	Media	PA	Penncrest High School	9/28/00	Boating Skills and Seamanship	Ken Chandler

02-03	Philadelphia	PA	ASO-Phila. Caff. Bldg #5	9/7/00	Boating Skills and Seamanship	Susan Graham
02-76	Philadelphia	PA	Coast Guard Station	9/7/00	Boating Skills and Seamanship	Murial Lewis
02-76	Philadelphia	PA	Coast Guard Station	9/11/00	Advanced Coastal Navigation	Murial Lewis
04-09	King of Prussia	PA	Upper Merion Middle School	9/15/00	Boating Skills and Seamanship	Larry Brooks
10-05	Pottstown	PA	Pottstown High School	9/18/00	Boating Skills and Seamanship	Betty Smith
11-04	Reading	PA	Reading Flotilla Training Base	9/5./00	Boating Skills and Seamanship	Dianne Bossler
14-07	Adamstown	PA	Stoltzfus RV & Marine	9/16/00	PA State Course	Bob Martin
10-05	Pottstown	PA	Boyertown Area High School	9/18/00	Boating Skills and Seamanship	Betty Smith
01-05	New Castle	DE	Ommelanden Hunter ED. Training	9/19/00	Boating Skills and Seamanship	Paul Eldridge
01-04	Wilmington	DE	Delaware Safety Council Bldg	9/16/00	Delaware State Course	Marlene Beck
12-05	Dover	DE	Parade Bldg U of DE	9/19/00	Boating Skills and Seamanship	Louise Ruff
12-09	Millsboro	DE	Shorts Marine Showroom	9/11/00	Boating Skills and Seamanship	William Tower
-73	Bowie	MD	Bowie Senior High School	10/12/00 7:30pm	Maryland Basic Boating Safety Course	Bill Kramer 301-459-5835